



1588 U.S. PTO

FORM PTO-1082  
EXPRESS MAIL NO. ER 731428748 US

PATENT DOCKET NO. 2080-3236  
CUSTOMER NO. 035884

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The application of:  
Jae Yeong Park  
Serial No:  
Filed: Herewith  
For: ACTIVE SMART ANTENNA SYSTEM AND  
FABRICATION METHOD THEREOF

Art Unit:

Examiner:

17858 U.S. PTO  
10/799902  
031204

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

- ☒ 4 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 16 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to LG Electronics, Inc. ☒ is enclosed ☐ will follow.
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
- ☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 10-2003-0016185 filed on March 14, 2003; from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed.
- ☐ IDS enclosed (☐ with references).
- ☐ Preliminary Amendment is enclosed.

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	29	-20	9	LG=\$18 SM=\$9	\$ 18	\$162	
B	INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$86 SM=\$43	\$ 86	\$0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 162
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E	BASIC FEE					LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 932
G	ASSIGNMENT RECORDING FEE						\$ 40	\$ 40
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]							

- ☒ A check in the amount of \$ 932 to cover the filing fee is enclosed.
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290. A copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 C.F.R. § 1.16

☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

Date: March 12, 2004

By: 

Jonathan Y. Kang  
Registration No. 38,199  
F. Jason Far-Hadian  
Registration No. 42,523  
Amit Sheth  
Registration No. 50,176  
Attorney for Applicant(s)

Customer No. 035884

801 S. Figueroa Street, 14th Floor  
Los Angeles, California 90017  
Telephone: (213) 623-2221  
Facsimile: (213) 623-2211

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Jae Yeong Park  
Serial No:  
Filed: Herewith  
For: ACTIVE SMART ANTENNA SYSTEM AND  
FABRICATION METHOD THEREOF

Art Unit:  
Examiner: --

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL  
"Express Mail" Mailing Label No. ER731428748US  
Date of Deposit: March 12, 2004

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ one copy of a letter of transmittal
- ☒ check in amount of \$ 932 as filing fee
- ☒ patent application ( 16 page(s) of specification: 29 claim(s); 1 page(s) of abstract
- ☒ 4 sheet(s) of formal drawings
- ☒ An assignment of the invention to LG Electronics, Inc. ☒ is enclosed ☐ will follow
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.
- ☒ executed Declaration and Power of Attorney ☒ is enclosed ☐ will follow
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 10-2003-0016185 filed on March 14, 2003, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed
- ☐ IDS transmittal
- ☐ PTO-1449 form
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: March 12, 2004


Customer No. 035884

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

801 S. Figueroa Street, 14<sup>th</sup> Floor  
Los Angeles, California 90017  
Telephone: 213-623-2221  
Facsimile: 213-623-2211

Jonathan Y. Kang

\_\_\_\_\_  
Name of person mailing papers

  
\_\_\_\_\_  
Signature